

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	517	521/139.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:05
L2	297	521/59.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:05
L3	105376	polystyrene and ((styrene or vinyl aromatic or vinylaromatic or methylstyrene) near3 (resin or polymer or copolymer))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:08
L4	744	(polystyrene and ((styrene or vinyl aromatic or vinylaromatic or methylstyrene) near3 (resin or polymer or copolymer))) with (low molecular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:10
L5	768	(polystyrene and ((styrene or vinyl aromatic or vinylaromatic or methylstyrene) near3 (resin or polymer or copolymer))) with (low molecular or lower molecular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:10
L6	1404	((polystyrene and ((styrene or vinyl aromatic or vinylaromatic or methylstyrene) near3 (resin or polymer or copolymer))) or gpps) with (high molecular or higher molecular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:10
L7	108	l5 and l6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:11

L8	0	17 and 524/251.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 07:11
S1	5	"596262".AP.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 12:27
S2	299	HAHN KLAUS.IN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 12:56
S3	1455	((bi-modal or bimodal or multi-modal) near molecular weight)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:11
S4	775	S3 and \$4styrene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:11
S5	221	S3 and \$4styrene.clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:11
S6	66291	\$4acylic acid or methylstyrene or methylstyrene or methylstyrene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:12
S7	112	S5 and S6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:12
S8	98618	blowing agent or foaming agent	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:13
S9	10	S7 and S8	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:13
S10	19	"3817669".pn. or "5000891".pn. or "6783710".pn. or "6093750".pn. or "6340713".pn. or "5908872".pn. or "6465533".pn. or "20030162852"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 13:16
S11	0	ps 158K and ps138 F	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 14:41

S12	0	ps 158K and ps138F	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 14:41
S13	0	ps 158K and ps 138F	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 14:41
S14	0	ps158 K and ps138 F	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 14:42
S15	57	(glass clear or glass-clear) near3 \$4styrene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 14:45
S16	9	(glass clear or glass-clear) near3 \$4styrene. ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 14:58
S17	615907	\$styrene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:08
S18	8	"037363".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:08
S19	6936	styrene with (((weight average or weight-average) with (molecular weight or molar mass)) or "M.sub. W")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:10
S20	328240	\$4acrylic acid or methylstyrene or methylstyrene or methylstyrene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:11
S21	4128	S19 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:12
S22	12805	"521"/\$.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:13
S23	107	S21 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:13

S24	0	S13 and pellet\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:14
S25	787	S19 and S20 and pellet\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:15
S26	43	S25 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:15
S27	1584	S19 and S20 and (pellet \$ or bead)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:22
S28	80	S27 and S22	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:22
S29	1013	S19 and S20 and (bead)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:22
S30	62	S22 and S29	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:23
S31	54	("2512463" "2787809" "3011217" "3015851" "3021291" "3026274" "3065500" "3066382" "3089857" "3251728" "3372215" "3375212" "3400037" "3435103" "3480570" "3723237" "3723240" "3856904" "4042658" "4100242" "4169179" "4424287" "4655840").PN. OR ("5000891").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 15:35
S32	1455	((bi-modal or bimodal or multi-modal) near molecular weight)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:37
S33	107	S32 and \$4styrene.ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:37

S34	2	"4486524".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:43
S35	3	"6706814".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:44
S36	2	"6569941".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:45
S37	29535	\$4styrene with (pellet\$ or bead\$)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:45
S38	423	S19 and S37	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:46
S39	323	S19 and S37 and S20	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 15:46
S40	2	"5166221".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 16:12
S41	11	("3558534" "3996311" "4906698" "4908392" "4990540").PN. OR ("5166221").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 16:12
S42	283	521/59.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 16:20
S43	89	521/59.icls. and (\$4styrene or vinyl aromatic or alkenyl aromatic).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 16:21
S44	66	((weight average or weight-average) with (molecular weight or molar mass)) or "M.sub. W") with (expand\$ or expans\$) and (\$4styrene or vinyl aromatic or alkenyl aromatic).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 16:36

S45	54	("2512463" "2787809" "3011217" "3015851" "3021291" "3026274" "3065500" "3066382" "3089857" "3251728" "3372215" "3375212" "3400037" "3435103" "3480570" "3723237" "3723240" "3856904" "4042658" "4100242" "4169179" "4424287" "4655840").PN. OR ("5000891").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:10
S46	54	("2512463" "2787809" "3011217" "3015851" "3021291" "3026274" "3065500" "3066382" "3089857" "3251728" "3372215" "3375212" "3400037" "3435103" "3480570" "3723237" "3723240" "3856904" "4042658" "4100242" "4169179" "4424287" "4655840").PN. OR ("5000891").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:10
S47	1991	(\$styrene (pellet or bead)).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:11
S48	0	(\$styrene (pellet or bead)).ab. and (mix\$4 or blend\$) with (temperature) and (die plate with diameter) and (pellet\$ with pressure)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:13
S49	2	(\$styrene (pellet or bead)).ab. and (mix\$4 or blend\$) with (temperature) and (pellet \$ with pressure)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:17
S50	2	"4368218".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:18
S51	2	"4368218".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:18
S52	15	("3682844" "3743611" "3826765" "3959189").PN. OR ("4368218").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:18

S53	114	(\$4styrene (pellet or bead)).ab. and (mix\$4 or blend\$) with (temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:19
S54	46	(\$4styrene (pellet or bead)).ab. and (blowing agent or foaming agent) with (temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:22
S55	15	("3682844" "3743611" "3826765" "3959189").PN. OR ("4368218").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:28
S56	178	(\$4styrene (pellet or bead) with method).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:28
S57	2	"6093750".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 17:42
S58	31	("3026272" "3026273" "3067147" "3121132" "3371053" "3888957" "4086191" "4174427" "4404293" "4525484" "4560705" "4619845" "4794167" "4813859" "4840759" "4933105" "5000891" "5228620" "5240657" "5269980" "5525637" "5573790" "5582779" "5591778" "5977195" "H001094").PN. OR ("6093750").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:44
S59	25	(Expandable) with (styrene and (bead or pellet)) and (underwater or under water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:54
S60	1330	(styrene and (bead or pellet)) and (underwater or under water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:55
S61	58	(styrene near3 (bead or pellet)) and (underwater or under water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:55
S62	209	(\$4styrene near3 (bead or pellet)) and (underwater or under water)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:55

S63	66	(\$4styrene near3 (bead or pellet)) and (underwater or under water) with pellet\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:55
S64	32	(\$4styrene near3 (bead or pellet)) and (underwater or under water) with pellet\$ and ((blowing agent or foaming agent) with temperature)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 17:57
S65	2	"5010111".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 18:05
S66	14	("3093599" "3669923" "3755209" "3968060" "4085169" "4129706" "4281067" "4311636" "4393146" "4517314" "4761432").PN. OR ("5010111").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 18:05
S67	1	"6864298".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/17 18:09
S68	114	(\$4styrene (pellet or bead)).ab. and (mix\$4 or blend\$) with (temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 18:09
S69	13	(\$4styrene (pellet or bead)).ab. and (mix\$4 or blend\$) with (blowing agent and temperature)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/09/17 18:10
S70	285	521/59.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:56
S71	503	521/139.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:56
S72	73737	(polystyrene or styrene) with (bead or pellet or granule or particle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:57
S73	52086	(polystyrene or styrene) with (molecular weight or molar mass)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:57
S74	7781	S72 and S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:59

S75	4881	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:59
S76	1295	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene) and foam\$	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:59
S77	602	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene) and foam\$ and (blowing agent or foaming agent)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 19:59
S78	231	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene) and foam\$ and (blowing agent or foaming agent) and die	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 20:00
S79	204	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene) and foam\$ and (blowing agent or foaming agent) and die and (water or underwater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 20:00
S80	27	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene) and foam\$ and (blowing agent or foaming agent) and die plate and (water or underwater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 20:01
S81	60	S72 and S73 and (acrylic acid or (meth) acrylic acid or \$methylstyrene) and foam\$ and (blowing agent or foaming agent) and die with (hole or opening) and (water or underwater)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 20:01
S82	2023	((bimodal or bimodal or multi-modal or multimodal) near molecular weight distribution)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/08 10:07

S83	1113	((bimodal or bimodal or multi-modal or multimodal) near molecular weight distribution) and \$4styrene	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/08 10:07
S84	77	((bimodal or bimodal or multi-modal or multimodal) near molecular weight distribution) and \$4styrene with (foam\$ or cellular or porous)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/08 10:22
S85	3	"4239859".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/08 10:31
S86	18	("3231635" "3299174" "3429951" "3485894" "3810957" "3907931" "4107236" "4145376" "Re27145").PN. OR ("4239859").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:32
S87	757	521/79.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:33
S88	9417	\$4styrene near3 blend	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:33
S89	105	S87 and S88	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:34
S90	545	521/79.icls. and \$4styrene	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:53
S91	151	521/79.icls. and (\$4styrene or alkenyl aromatic or vinyl aromatic).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:54
S92	519	521/60.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:59
S93	186	521/60.icls. and (\$4styrene or alkenyl aromatic or vinyl aromatic).ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 10:59

S94	31	("3504068" "3573152" "3953668" "4076698" "4168353" "4323528" "4379859" "4464484" "4824720" "5055438" "5057475" "5064802" "5096867" "5132380" "5189192" "5321106" "5347024" "5350723" "5374696" "5399635" "5424016" "5470983" "5703187" "5721185").PN. OR ("6231795").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:18
S95	11	("3281383" "4307134" "4333970" "4409338" "4423160" "4424285").PN. OR ("5496864").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:26
S96	233	polystyrene blend.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:36
S97	297	525/50.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:45
S98	403	525/55.icls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:46
S99	0	525/55.icls. and \$4styrnee	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:47
S100	318	525/55.icls. and \$4styrene	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 11:47
S103	39	gpps with (homopolymer and copolymer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 05:45
S104	140	gpps near7 (copolymer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 05:48
S105	264	gpps with (copolymer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 05:51
S106	73	524/241.icls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 05:53
S107	0	S105 and S106	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 05:53

S108	50	gpps with (homopolymer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/04/23 05:55
------	----	----------------------------	---	-----	----	---------------------

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S101	170	hahn klaus.in. or ehrmann "gerd.in" or ruch joachim.in. or allmendiner markus.in. or schmied bernhard. in. or holoch jan.in. or dietzen franz-josef.in.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/04/23 05:17
S102	172	hahn klaus.in. or ehrmann gerd.in. or ruch joachim.in. or allmendiner markus.in. or schmied bernhard. in. or holoch jan.in. or dietzen franz-josef.in.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/04/23 05:17

4/ 23/ 2010 7:11:55 AM**C:\ Documents and Settings\ mwinkler\ My Documents\ EAST\ Workspaces\ 10596262.wsp**